**Chapter1 Section 1.2: Classification of Matter**

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| **Matters**  (have mass & volume and can be perceived by senses) |

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| **Substances**  (have definite composition) |

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| **Mixtures**  (have indefinite composition, contain 2 or more substances) |

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| **Heterogeneous**  (Constituents are visible separately, not uniform) |

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| **Elements**  (can’t be decomposed) |

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| **Compounds**  (can be decomposed) |

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| **Homogeneous**  (Constituents don’t appear separately, also named solutions) |

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| H2O (Water)  NaCl(Table salt)  C6H12O6 (Glucose) |

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| Air  A cup of coffee  Wine  Blood |

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| Water+oil  Salads  Sands in water |

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| Na (Sodium)  Ag (Silver)  Ge (Germanium)  Cl (Chlorine) |